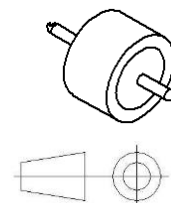
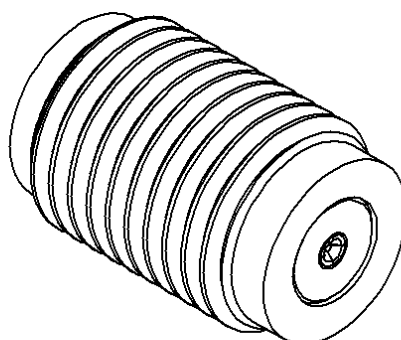
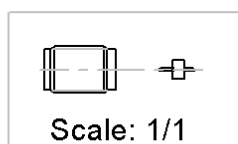
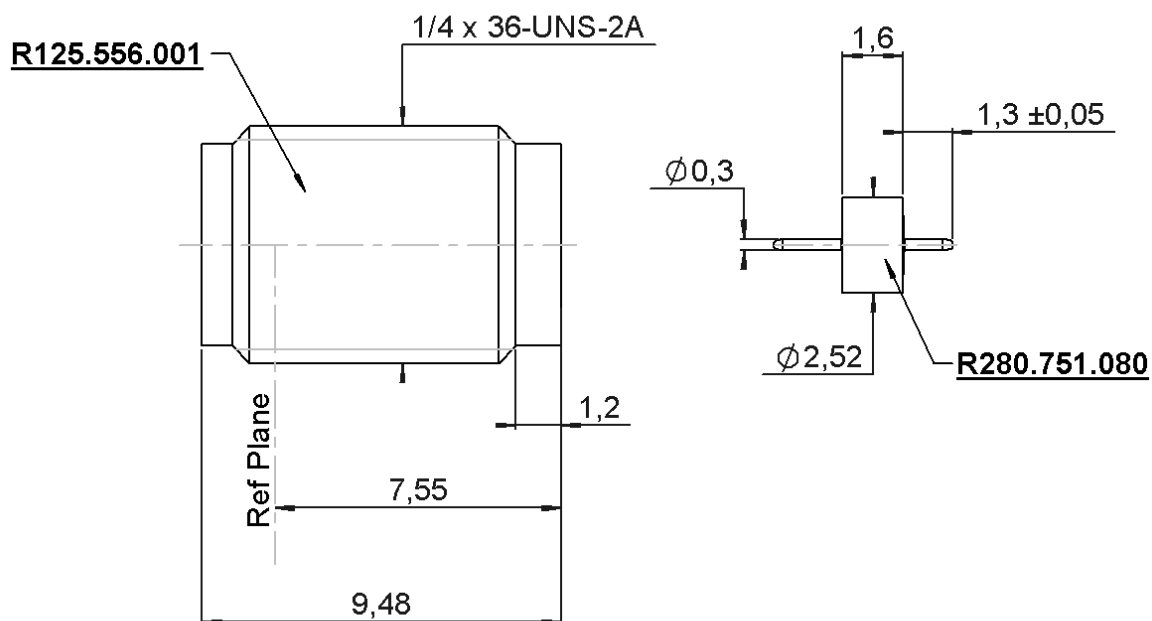


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PART NUMBER **R125638021**



All dimensions are in mm. Tolerances according ISO 2768 m-H

COMPONENTS	MATERIALS	PLATING (μm)
Body	STAINLESS STEEL	PASSIVATED
Center contact	BERYLLIUM COPPER	GOLD OVER NICKEL
Outer contact		
Insulator	PTFE	
Gasket		
Others parts	DILVER P	GOLD OVER NICKEL
-	-	-
-	-	-

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ISSUE **29-03-19A**

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PART NUMBER **R125638021**

PACKAGING

Standard	Unit	Other
1	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance		50	Ω
Frequency		0-18	GHz
VSWR	1.06*	+	0,0100 x F(GHz) Maxi
Insertion loss		0.07*	√F(GHz) dB Maxi
RF leakage	- (NA	- F(GHz) dB Maxi
Voltage rating		500	Veff Maxi
Dielectric withstanding voltage		1000	Veff mini
Insulation resistance		5000	MΩ mini

MECHANICAL CHARACTERISTICS

Center contact retention			
Axial force – Mating End		27	N mini
Axial force – Opposite end		27	N mini
Torque		NA	N.cm mini

Recommended torque			
Mating		NA	N.cm
Panel nut		190	N.cm

Mating life		500	Cycles mini
Nominal Weight		1,2000	g
(Add +15% for max weight)			

ENVIRONMENTAL

Operating temperature	-65/+125	°C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

SPECIFICATION

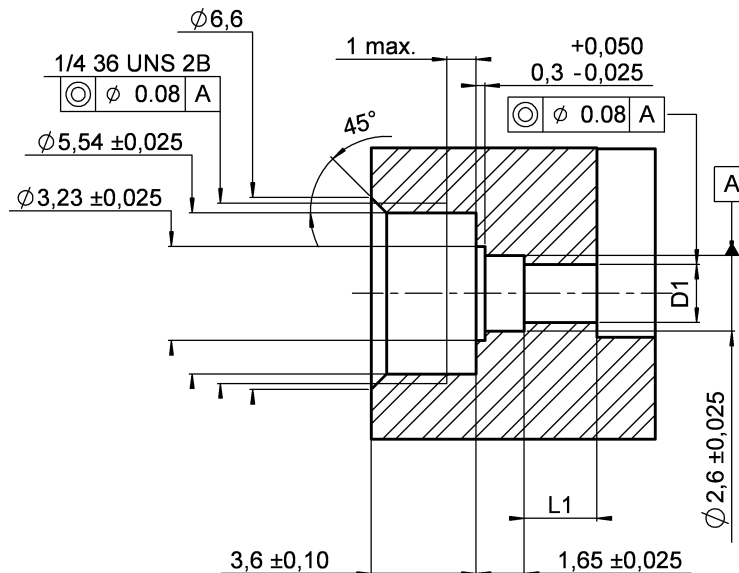
OTHER CHARACTERISTICS

Assembly instruction:

Others:

*** Coaxial Transmission Line Only**

RECOMMENDED MOUNTING HOLE DETAIL



D1 and L1 dimensions have to be determined according to each application.

We advise of two following case : (see page 4)

-using of the R280 469 000 removable socket :

$$D1 = 2 + ou - 0.02$$

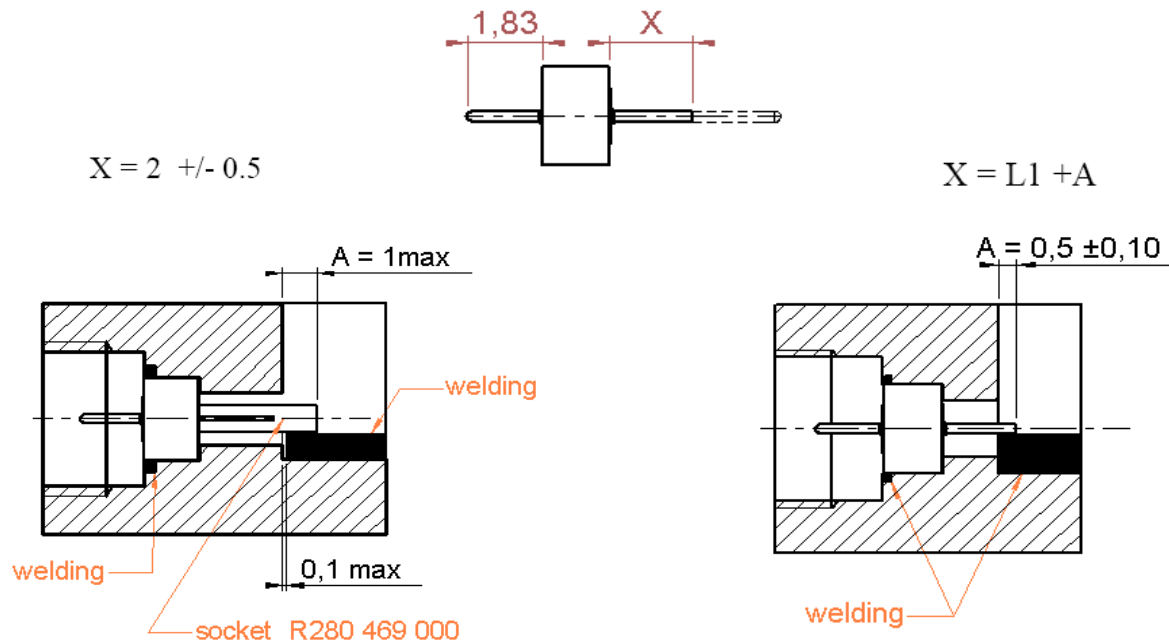
$$L1 = 2.5 + ou - 0.1$$

-the bead pin is directly welded on the track :

$$D1 = 0.70 + ou - 0.02$$

$$L1 = 1 \text{ to } 4 \text{ according to customer's design criteria.}$$

ASSEMBLY INSTRUCTIONS



GLASS BEAD

- 1- Adjust X by cutting the pin if necessary.
- 2- Introduce the glass bead into its housing as here above (with the mounted socket)
- 3- Weld the ring by putting a welding wire in the groove.
- 4- Weld the pin (or socket) on the track. Beware of putting too much welding

IMPORTANT : for maximum RF characteristics the link track/pin must be as thin as possible.

We advise you to respect rigorously the A dimension, by welding accurately the bead pin directly on the track (right drawing).

CONNECTOR

- Screw the connector into the housing. Tighten it up to 190 cmN +/- 10 cmN
(use special tooling set RADIAL R282 341 010)